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(71) Applicant (for all designated States except US): LA CORPORATION DE L'ECOLE POLYTECHNIQUE DE MONTREAL [CA/CA]; 2900 Edouard-Montpetit Blvd., Montréal, Québec H3C 3A7 (CA).

(72) Inventors; and

(75) Inventors/Applicants (for US only): TREMBLAY, Robert [CA/CA]; 2906 de Chamonix, Montréal, Québec H4R 3B8 (CA). CHRISTOPOULOS, Constantin [CA/CA]; 675 Bedford Park Avenue, Toronto, Ontario M5M 1K4 (CA).

(74) Agents: BRITT, Katherine et al.; BCF LLP, 1100 René-Lévesque Blvd. West, 25th Floor, Montréal, Québec H3B 5C9 (CA).

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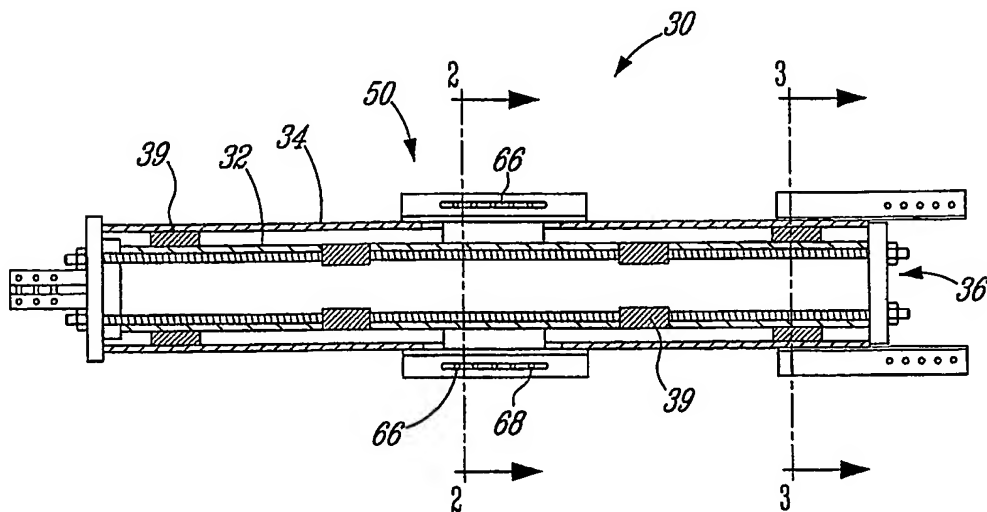
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(54) Title: SELF-CENTERING ENERGY DISSIPATIVE BRACE APPARATUS WITH TENSIONING ELEMENTS



(57) Abstract: The present invention generally relates to a self-centering energy dissipative brace apparatus. A bracing system is often needed to stabilize, strengthen or stiffen structures such as buildings which are subjected to severe or extreme conditions. The brace apparatus may be installed in a structure to dissipate input energy and minimize residual deformations related to exceptional loading imposed on the structure by winds, earthquakes, impacts or explosions. The apparatus integrates self-centering properties and energy dissipative capacities which help minimize structural damage.